Package No.03 (Package Consists of 21 Works)

EMB

(Pre-Measurement Sheet and Measurement Sheet)

Fifth and PART Bill

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Package No.03(Package consists of 21 works)

Agency:Sri C.G Chanadrappa # 1c 301, 3rd main block HRBR Layout kalyan nagar Bangalore 560043

PRE MEASUREMENT SHEET

FIFTH AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity Rs	Remarks
Item no.07		Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on		02-12-2020									
		Quantity Measured in 1st RA Bill								4853.14	
		Quantity Measured in 2nd RA Bill								1574.22	
		Quantity Measured in 3rd RA Bill								1309.38	
		Quantity Measured in 4th RA Bill								349.30	
		Present Bill Measurements									
		Under Pass to SWD Drain									
		RHS (South Side)									
		From Under Pass To Swd Drain									
0	5	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
5	15		Cum	1	10.00	1.50	1.50	1.50	1.20	18.00	
15	30		Cum	1	15.00	1.50	1.50	1.50	1.15	25.88	
30	45		Cum	1	15.00	1.50	1.50	1.50	1.15	25.88	
45	53		Cum	1	8.00	1.50	1.50	1.50	1.15	13.80	
53	57.5	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
60	75		Cum	1	15.00	1.50	1.50	1.50	1.15	25.88	
75	79.8		Cum	1	4.80	1.50	1.50	1.50	1.15	8.28	
79.8	83	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
90	105		Cum	1	15.00	1.50	1.50	1.50	1.05	23.63	
105	114.2		Cum	1	9.20	1.50	1.50	1.50	1.05	14.49	
114.2	118.8	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
118.8	134.9		Cum	1	16.10	1.50	1.50	1.50	1.05	25.36	
		LHS (North Side)									
		From Swd Drain To Under Pass									
0	15		Cum	1	15.00	1.50	1.50	1.50	1.10	24.75	
15	30.1		Cum	1	15.10	1.50	1.50	1.50	1.05	23.78	
30.1	33.1	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
33.1	45		Cum	1	11.90	1.50	1.50	1.50	1.05	18.74	
45	60		Cum	1	15.00	1.50	1.50	1.50	1.05	23.63	
60	75		Cum	1	15.00	1.50	1.50	1.50	1.05	23.63	
75	90		Cum	1	15.00	1.50	1.50	1.50	1.05	23.63	
90	96.6		Cum	1	6.60	1.50	1.50	1.50	1.05	10.40	

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

329.

CGC INFRA PROJECTS PVT LTD
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RUDRAPRASAD CONSULTANTS BANGALORE
PMC

Assistant Engineer

2/12/20
Assistant Executive Engineer
Kodigehalli Sub Division

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity Rs	Remarks
96.6	101.2	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
101.2	120		Cum	1	18.80	1.50	1.50	1.50	1.05	29.61	
120	134.9		Cum	1	14.90	1.50	1.50	1.50	1.05	23.47	
134.9	137.4		Cum	1	2.50	1.50	1.50	1.50	1.05	3.94	
137.4	141.8	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
141.8	144.3		Cum	1	2.50	1.50	1.50	1.50	1.05	3.94	
		Swd Drain To Kodigehalli Circle									
		RHS (North Side)									
		From CC Culvert To Swd Drain									
0	15		Cum	1	15.00	1.50	1.50	1.50	1.05	23.63	
15	40		Cum	1	25.00	1.50	1.50	1.50	1.05	39.38	
		LHS (South Side)									
		From Swd Drain To Arali Katte									
0	18.6		Cum	1	18.60	1.50	1.50	1.50	1.05	29.30	
18.6	22.3	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
22.3	30		Cum	1	7.70	1.50	1.50	1.50	1.00	11.55	
30	60		Cum	1	30.00	1.50	1.50	1.50	1.00	45.00	
60	61		Cum	1	1.00	1.50	1.50	1.50	1.00	1.50	
		Arali Katte Opposite (LV Bekary Near Kodigehalli Circle)									
		LHS (East Side)									
		From Lv Bekary To Kodigehalli Circle									
0	15		Cum	1	15.00	1.50	1.50	1.50	0.90	20.25	
15	28.1		Cum	1	13.10	1.50	1.50	1.50	0.90	17.69	
		Culvert									
		Under Pass to SWD Drain									
		RHS (South Side)									
		From Under Pass to SWD Drain									
		Cross Road 1	Cum	1	5.00	1.70	1.70	1.70	1.00	8.50	
		Cross Road 2	Cum	1	4.50	1.70	1.70	1.70	1.00	7.65	
		Cross Road 3	Cum	1	3.20	1.70	1.70	1.70	1.00	5.44	
		Cross Road 4	Cum	1	4.60	1.70	1.70	1.70	1.00	7.82	
		LHS (North Side)									
		From SWD Drain to Under Pass									
		Cross Road 1	Cum	1	3.00	1.70	1.70	1.70	1.00	5.10	

283.74

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contactor

Assistant Engineer

Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity Rs	Remarks
		Cross Road 2	Cum	1	4.60	1.70	1.70	1.70	1.10	8.60	
		Cross Road 3	Cum	1	4.40	1.70	1.70	1.70	0.90	6.73	
		Swd Drain To Kodigehalli Circle									
		LHS (South Side)									
		From Swd Drain To Kodige Halli Circle)									
		Cross Road 5	Cum	1	3.70	1.50	1.50	1.50	1.00	5.55	
		Main Road Culvert	Cum	1	5.80	1.50	1.50	1.50	1.00	8.70	
		Desilt									
		Culvert Desilt	Cum	1	14.60	0.60	0.60	0.60	0.60	5.26	
		Arali katte front Drain	Cum	1	11.60	0.45	0.45	0.45	0.50	2.61	
		Over burden									
		Under Pass to SWD Drain									
		RHS (South Side)									
		From Under Pass To Swd Drain									
0	5		Cum	1	5.00	2.70	2.70	2.70	1.30	17.55	
5	15		Cum	1	10.00	2.65	2.65	2.65	1.30	34.45	
15	30		Cum	1	15.00	2.80	2.80	2.80	1.30	54.60	
30	45		Cum	1	15.00	2.65	2.65	2.65	1.30	51.68	
45	53		Cum	1	8.00	2.65	2.65	2.65	1.30	27.56	
53	57.5		Cum	1	4.50	2.90	2.90	2.90	1.30	16.97	
60	75		Cum	1	15.00	2.65	2.65	2.65	1.30	51.68	
75	79.8		Cum	1	4.80	2.65	2.65	2.65	1.30	16.54	
79.8	83		Cum	1	3.20	2.65	2.65	2.65	1.30	11.02	
90	105		Cum	1	15.00	3.00	3.00	3.00	1.30	58.50	
105	114.2		Cum	1	9.20	2.65	2.65	2.65	1.30	69	
114.2	118.8		Cum	1	4.60	2.65	2.65	2.65	1.30	35	
118.8	134.9		Cum	1	16.10	2.65	2.65	2.65	1.30	55.46	
		LHS (North Side)									
		From Swd Drain To Under Pass									
0	15		Cum	1	15.00	2.50	2.50	2.50	1.30	48.75	
15	30.1		Cum	1	15.10	2.50	2.50	2.50	1.30	49.08	
30.1	33.1		Cum	1	3.00	2.65	2.65	2.65	1.30	10.34	
33.1	45		Cum	1	11.90	2.80	2.80	2.80	1.30	43.32	
45	60		Cum	1	15.00	2.50	2.50	2.50	1.30	48.75	
60	75		Cum	1	15.00	2.50	2.50	2.50	1.30	48.75	
75	90		Cum	1	15.00	2.50	2.50	2.50	1.30	48.75	
90	96.6		Cum	1	6.60	2.50	2.50	2.50	1.30	21.45	
96.6	101.2		Cum	1	4.60	2.50	2.50	2.50	1.20	13.80	

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

8/3.92

2/12/2020

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

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Contactor

RUDRAPRASAD CONSULTANTS
BANGALORE
PMC

Assistant Engineer

2/12/2020

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity Rs	Remarks
101.2	120		Cum	1	18.80	2.75	2.75	2.75	1.20	62.04	
120	134.9		Cum	1	14.90	2.50	2.50	2.50	1.20	44.70	
134.9	137.4		Cum	1	2.50	2.50	2.50	2.50	1.20	7.50	
137.4	141.8		Cum	1	4.40	2.50	2.50	2.50	1.20	13.20	
141.8	144.3		Cum	1	2.50	2.50	2.50	2.50	1.20	7.50	
		Swd Drain To Kodigehalli Circle									
		RHS (North Side)									
		From CC Culvert To Swd Drain									
0	15		Cum	1	15.00	2.20	2.20	2.20	1.20	39.60	
15	40		Cum	1	25.00	2.20	2.20	2.20	1.20	66.00	
		LHS (South Side)									
		From Swd Drain To Arali Katte									
0	18.6		Cum	1	18.60	2.50	2.50	2.50	1.20	55.80	
18.6	22.3		Cum	1	3.70	2.50	2.50	2.50	1.20	11.10	
22.3	30		Cum	1	7.70	2.50	2.50	2.50	1.20	23.10	
30	60		Cum	1	30.00	3.00	3.00	3.00	1.20	108.00	
60	61		Cum	1	1.00	2.50	2.50	2.50	1.20	3.00	
		Tata Nagar									
		5th Cross	Cum	1	23.10	1.10	1.10	1.10	0.45	11.43	
										Total Executed Quantity	9966.45
										Qty Carried to Summary	9966.45

Assistant Executive Engineer
Kodigehalli Sub Div
BBMP, Bangalore

2/12/20

1880.49

Contactor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity Rs	Remarks
Item no.08		Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on		07-12-2020									
		Quantity Measured in 1st RA Bill								820.89	
		Quantity Measured in 4th RA Bill								559.28	
		Present Bill Measurements									
		D Rajgopal Road									
		Under Pass to SWD Drain									
		From Under Pass To SWd Drain									
0	15		Cum	1	15.00	23.50	14.40	18.95	0.55	156.34	
15	30		Cum	1	15.00	14.40	14.60	14.50	0.55	119.63	
30	45		Cum	1	15.00	14.60	15.20	14.90	0.55	122.93	
45	75		Cum	1	30.00	15.20	15.10	15.15	0.55	249.98	
75	90		Cum	1	15.00	15.10	14.20	14.65	0.55	120.86	
90	120		Cum	1	30.00	14.20	15.60	14.90	0.50	223.50	
120	138.5		Cum	1	18.50	15.60	15.65	15.63	0.55	158.98	
		SWD Drain To Kodigehalli Circle									
		From SWD Drain To Kodige halli Circle									
0	15		Cum	1	15.00	15.80	14.80	15.30	0.55	126.23	
15	30		Cum	1	15.00	14.80	14.85	14.83	0.50	111.19	
30	43.1		Cum	1	13.10	14.85	16.60	15.73	0.50	103.00	
43.1	50.2		Cum	1	7.10	12.40	15.40	13.90	0.50	49.35	
50.2	62.1		Cum	1	11.90	15.40	15.20	15.30	0.50	91.04	
		Tata nagar									
		5th Cross Road									
		From Bhadrappa Layout Main Road To 5th Main Road									
18	26		Cum	1	8.00	1.20	1.20	1.20	0.20	1.92	
34	39.6		Cum	1	5.60	2.10	2.10	2.10	0.20	2.35	
50	58		Cum	1	8.00	1.20	1.20	1.20	0.20	1.92	
73	89		Cum	1	16.00	1.50	1.50	1.50	0.20	4.80	
103	112		Cum	1	9.00	1.30	1.30	1.30	0.20	2.34	
126	128		Cum	1	2.00	2.20	2.20	2.20	0.20	0.88	
144	151		Cum	1	7.00	1.00	1.00	1.00	0.20	1.40	

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

1648.61

7/12/2020

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

CGC INFRA PROJECTS PVT LTD
Contactor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity Rs	Remarks
163	170		Cum	1	7.00	1.20	1.20	1.20	0.20	1.68	
189	201		Cum	1	12.00	1.40	1.40	1.40	0.20	3.36	
208	220		Cum	1	12.00	1.60	1.60	1.60	0.20	3.84	
225	230		Cum	1	5.00	1.20	1.20	1.20	0.20	1.20	
234	237		Cum	1	3.00	3.00	3.00	3.00	0.20	1.80	
251	262		Cum	1	11.00	1.20	1.20	1.20	0.20	2.64	
266	271		Cum	1	5.00	1.50	1.50	1.50	0.20	1.50	
278	280		Cum	1	2.00	0.90	0.90	0.90	0.20	0.36	16.38
									Total Executed Quantity	3045.15	
									Qty Carried to Summary	3045.15	

Assistant Exe... Kodigehalli ... BBMP, Bangalore

1668.99

PROJECTS PVT LTD

RUDRAPRASAD CONSULTANTS BANGALORE

Assistant Engineer

7/12/2020

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity Rs	Remarks
Item no.09		Lead for disposal of earth shall be payable at Carriage rates (Lead & Lift) by mechanical means including loading and unloading up to 15kms. and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on											
		Quantity Measured in 1st RA Bill								5674.03	
		Quantity Measured in 2nd RA Bill								7031.89	
		Quantity Measured in 3rd RA Bill								2225.81	
		Quantity Measured in 4th RA Bill								908.57	
		Present Bill Measurements									
		Considered same Qty vide I.No.7+08	Cum							1664.99	
									Total Executed Quantity	19385.69	
									Qty Carried to Summary	19385.69	

78

3545.39

INFRA PROJECTS PVT LTD
Contractor

RUDRAPRASAD CONSULTANTS BANGALORE
PMC

Assistant Engineer

7/12/2020
Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore.

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity Rs	Remarks
Item no.10		Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification									
Measurements taken on		11-12-2020									
		Quantity Measured in 1st RA Bill								321.30	✓
		Present Bill Measurements									
		D Rajgopal Road									
		Under Pass to SWD Drain									
		From Under Pass To SWd Drain									
0	15		Cum	1	15.00	23.50	14.40	18.95	0.65	184.76	✓
15	30		Cum	1	15.00	14.40	14.60	14.50	0.65	141.38	✓
30	45		Cum	1	15.00	14.60	15.20	14.90	0.65	145.28	✓
45	75		Cum	1	30.00	15.20	15.10	15.15	0.65	295.43	✓
75	90		Cum	1	15.00	15.10	14.20	14.65	0.65	142.84	✓
90	120		Cum	1	30.00	14.20	15.60	14.90	0.65	290.55	✓
120	138.5		Cum	1	18.50	15.60	15.65	15.63	0.65	187.89	✓
		SWD Drain To Kodigehalli Circle									
		From SWD Drain To Kodige halli Circle									
0	15		Cum	1	15.00	15.80	14.80	15.30	0.65	149.18	✓
15	30		Cum	1	15.00	14.80	14.85	14.83	0.60	133.43	✓
30	43.1		Cum	1	13.10	14.85	16.60	15.73	0.60	123.60	✓
43.1	50.2		Cum	1	7.10	12.40	15.40	13.90	0.60	59.21	✓
50.2	62.1		Cum	1	11.90	15.40	15.20	15.30	0.60	109.24	✓
									Total Executed Quantity	2284.07	1962.77
									Qty Carried to Summary	2284.07	✓

C.A.P.C

11/12/20

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contactor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

11/12/2020

Assistant Executive Engineer
Kodigehalli Sub Division

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity Rs	Remarks
Item no.11		Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications.and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on		18-12-2020									
		Quantity Measured in 1st RA Bill								568.91	
		Quantity Measured in 2nd RA Bill								1574.22	✓
		Quantity Measured in 3rd RA Bill								2160.92	✓
		Quantity Measured in 4th RA Bill								586.73	✓
		Present Bill Measurements									
		D Rajgopal Road Under Pass to SWD Drain From Under Pass To SWd Drain									
0	15		Cum	1	15.00	23.50	14.40	18.95	0.25	71.06	✓
15	30		Cum	1	15.00	14.40	14.60	14.50	0.25	54.38	✓
30	45		Cum	1	15.00	14.60	15.20	14.90	0.25	55.88	✓
45	75		Cum	1	30.00	15.20	15.10	15.15	0.25	113.63	
75	90		Cum	1	15.00	15.10	14.20	14.65	0.25	54.94	✓
90	120		Cum	1	30.00	14.20	15.60	14.90	0.25	111.75	✓
120	138.5		Cum	1	18.50	15.60	15.65	15.63	0.25	72.27	✓
		SWD Drain To Kodigehalli Circle									
		From SWD Drain To Kodige halli Circle									
0	15		Cum	1	15.00	15.80	14.80	15.30	0.25	57.38	✓
15	30		Cum	1	15.00	14.80	14.85	14.83	0.25	55.59	✓
30	43.1		Cum	1	13.10	14.85	16.60	15.73	0.25	51.50	✓
43.1	50.2		Cum	1	7.10	12.40	15.40	13.90	0.25	24.67	✓
50.2	62.1		Cum	1	11.90	15.40	15.20	15.30	0.25	45.52	✓
62.1	77.1		Cum	1	15.00	10.90	10.90	10.90	0.25	40.88	✓
77.1	84.7		Cum	1	7.60	10.90	10.90	10.90	0.25	20.71	✓
		Near Culvert (Near rajmuball Theatre)									
0	12.1		Cum	1	12.10	5.30	5.50	5.40	0.20	13.07	✓

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

8.3.20

CGC INFRA PROJECTS PVT LTD
Contactor

RUDRAPRASAD CONSULTANTS
BANGALORE
PMC

Assistant Engineer

18/12/20
Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity Rs	Remarks
		D Rajgopal Road									
		Cross Road 1									
0	9.5		Cum	1	9.50	4.20	3.80	4.00	0.20	7.60	
		Tata nagar									
		5th Cross Road									
		From Bhadrappa Layout Main Road To 5th Main Road									
18	26		Cum	1	8.00	1.20	1.20	1.20	0.20	1.92	
34	39.6		Cum	1	5.60	2.10	2.10	2.10	0.20	2.35	
50	58		Cum	1	8.00	1.20	1.20	1.20	0.20	1.92	
73	89		Cum	1	16.00	1.50	1.50	1.50	0.20	4.80	
103	112		Cum	1	9.00	1.30	1.30	1.30	0.20	2.34	
126	128		Cum	1	2.00	2.20	2.20	2.20	0.20	0.88	
144	151		Cum	1	7.00	1.00	1.00	1.00	0.20	1.40	
163	170		Cum	1	7.00	1.20	1.20	1.20	0.20	1.68	
189	201		Cum	1	12.00	1.40	1.40	1.40	0.20	3.36	
208	220		Cum	1	12.00	1.60	1.60	1.60	0.20	3.84	
225	230		Cum	1	5.00	1.20	1.20	1.20	0.20	1.20	
234	237		Cum	1	3.00	3.00	3.00	3.00	0.20	1.80	
251	262		Cum	1	11.00	1.20	1.20	1.20	0.20	2.64	
266	271		Cum	1	5.00	1.50	1.50	1.50	0.20	1.50	
278	280		Cum	1	2.00	0.90	0.90	0.90	0.20	0.36	39.54
									Total Executed Quantity	5773.58	
									Qty Carried to Summary	5773.58	

882.39

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

CGG INFRA PROJECTS PVT LTD
Contactor

RUDRAPRASAD CONSULTANTS
BANGALORE
PMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity Rs	Remarks
Item no. 12		Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specifications and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on		02-12-2020									
		Quantity Measured in 1st RA Bill								1201.20	
		Quantity Measured in 2nd RA Bill								1809.57	
		Quantity Measured in 3rd RA Bill								3467.09	
		Quantity Measured in 4th RA Bill								623.85	
		Present Bill Measurements									
		D Rajgopal Road Under Pass to SWD Drain									
		From Under Pass To SWd Drain									
0	15		Sqm	1	15.00	6.90	6.90	6.90		103.50	
15	30		Sqm	1	15.00	6.90	6.90	6.90		103.50	
30	45		Sqm	1	15.00	6.90	6.90	6.90		103.50	
45	75		Sqm	1	30.00	6.90	6.90	6.90		207.00	
75	90		Sqm	1	15.00	6.90	6.90	6.90		103.50	
90	120		Sqm	1	30.00	6.90	6.90	6.90		207.00	
120	138.5		Sqm	1	18.50	6.90	6.90	6.90		127.65	
		SWD Drain To Kodigehalli Circle									
		From SWD Drain To Kodige halli Circle									
0	15		Sqm	1	15.00	7.80	7.80	7.80		117.00	
15	30		Sqm	1	15.00	7.80	7.80	7.80		117.00	
30	43.1		Sqm	1	13.10	7.80	7.80	7.80		102.18	
43.1	50.2		Sqm	1	7.10	7.80	7.80	7.80		55.38	
50.2	62.1		Sqm	1	11.90	7.80	7.80	7.80		92.82	
62.1	77.1		Sqm	1	15.00	7.80	7.80	7.80		117.00	
77.1	84.7		Sqm	1	7.60	7.80	7.80	7.80		59.28	
		Near Culvert (Near rajmurali Theatre)									
0	12.1		Sqm	1	12.10	5.40	5.40	5.40		65.34	
		D Rajgopal Road Cross Road 1									
0	9.5		Sqm	1	9.50	4.00	4.00	4.00		38.00	1719.65
									Total Executed Quantity	8821.36	
									Qty Carried to Summary	8821.36	

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

CGC INFRAPROJECTS PVT LTD
Contactor

RUDRAPRASAD CONSULTANTS P. LTD. BANGALORE
PMC

Assistant Engineer

2/12/2020
Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity Rs	Remarks
Item no.14		Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications. and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on		4-1-2021									
		Quantity Measured in 1st RA Bill								2472.13	
		Quantity Measured in 2nd RA Bill								6788.21	
		Quantity Measured in 3rd RA Bill								9395.29	
		Quantity Measured in 4th RA Bill								2479.70	
		Present Bill Measurements									
		D Rajgopal Road									
		Under Pass to SWD Drain									
		From Under Pass To SWd Drain									
0	15		Sqm	1	15.00	23.50	14.40	18.95		284.25	
15	30		Sqm	1	15.00	14.40	14.60	14.50		217.50	
30	45		Sqm	1	15.00	14.60	15.20	14.90		223.50	
45	75		Sqm	1	30.00	15.20	15.10	15.15		454.50	
75	90		Sqm	1	15.00	15.10	14.20	14.65		219.75	
90	120		Sqm	1	30.00	14.20	15.60	14.90		447.00	
120	138.5		Sqm	1	18.50	15.60	15.65	15.63		289.06	
		SWD Drain To Kodigehalli Circle									
		From SWD Drain To Kodige halli Circle									
0	15		Sqm	1	15.00	15.80	14.80	15.30		229.50	
15	30		Sqm	1	15.00	14.80	14.85	14.83		222.38	
30	43.1		Sqm	1	13.10	14.85	16.60	15.73		206.00	
43.1	60		Sqm	1	16.90	12.40	15.40	13.90		234.91	
60	62.1		Sqm	1	2.10	15.40	15.20	15.30		32.13	
62.1	77.1		Sqm	1	15.00	10.90	10.90	10.90		163.50	
77.1	84.7		Sqm	1	7.60	10.90	10.90	10.90		82.84	
		Near Culvert (Near rajmurali Theatre)									
0	12.1		Sqm	.1	12.10	5.30	5.50	5.40		65.34	

3372.16

C & F

4/1/21

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

SWD Drain To Kodigehalli Circle

CGC INFRAPROJECTS PVT LTD
Contactor

RUDRAPRASAD CONSULTANTS
BANGALORE
PMC

Assistant Engineer

4/1/21

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity Rs	Remarks
		D Rajgopal Road									
		Cross Road 1									
0	9.5		Sqm	1	9.50	4.20	3.80	4.00		38.00	
		Tata nagar									
		5th Cross Road									
		From Bhadrappa Layout Main Road To 5th Main Road									
18	26		Sqm	1	8.00	1.20	1.20	1.20		9.60	
34	39.6		Sqm	1	5.60	2.10	2.10	2.10		11.76	
50	58		Sqm	1	8.00	1.20	1.20	1.20		9.60	
73	89		Sqm	1	16.00	1.50	1.50	1.50		24.00	
103	112		Sqm	1	9.00	1.30	1.30	1.30		11.70	
126	128		Sqm	1	2.00	2.20	2.20	2.20		4.40	
144	151		Sqm	1	7.00	1.00	1.00	1.00		7.00	
163	170		Sqm	1	7.00	1.20	1.20	1.20		8.40	
189	201		Sqm	1	12.00	1.40	1.40	1.40		16.80	
208	220		Sqm	1	12.00	1.60	1.60	1.60		19.20	
225	230		Sqm	1	5.00	1.20	1.20	1.20		6.00	
234	237		Sqm	1	3.00	3.00	3.00	3.00		9.00	
251	262		Sqm	1	11.00	1.20	1.20	1.20		13.20	
266	271		Sqm	1	5.00	1.50	1.50	1.50		7.50	
278	280		Sqm	1	2.00	0.90	0.90	0.90		1.80	197.96
									Total Executed Quantity	24705.44	
									Qty Carried to Summary	24705.44	

3570.12

Assistant Engineer
Kodigehalli Sub-Division
BBMP, Bangalore

CGC INFRA PROJECTS PVT LTD

Contactor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub-Division
BBMP, Bangalore

Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity Rs	Remarks
Item no. 16		Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on		4-1-2021									
		Quantity Measured in 1st RA Bill								59.99	
		Quantity Measured in 4th RA Bill								118.08	
		Present Bill Measurements									
		D Rajgopal Road									
		Under Pass to SWD Drain									
		From Under Pass To SWd Drain									
0	15		Cum	1	15.00	23.50	14.40	18.95	0.05	14.21	
15	30		Cum	1	15.00	14.40	14.60	14.50	0.05	10.88	
30	45		Cum	1	15.00	14.60	15.20	14.90	0.05	11.18	
45	75		Cum	1	30.00	15.20	15.10	15.15	0.05	22.73	
75	90		Cum	1	15.00	15.10	14.20	14.65	0.05	10.99	
90	120		Cum	1	30.00	14.20	15.60	14.90	0.05	22.35	
120	138.5		Cum	1	18.50	15.60	15.65	15.63	0.05	14.45	
		SWD Drain Tob									
		From SWD Drain To Kodige halli Circle									
0	15		Cum	1	15.00	15.80	14.80	15.30	0.05	11.48	
15	30		Cum	1	15.00	14.80	14.85	14.83	0.05	11.12	
30	43.1		Cum	1	13.10	14.85	16.60	15.73	0.05	10.30	
43.1	60		Cum	1	16.90	12.40	15.40	13.90	0.05	11.75	
60	62.1		Cum	1	2.10	15.40	15.20	15.30	0.05	1.61	
62.1	77.1		Cum	1	15.00	10.90	10.90	10.90	0.05	8.18	
77.1	84.7		Cum	1	7.60	10.90	10.90	10.90	0.05	4.14	
		Near Culvert (Near rajmurali Theatre)									
0	12.1		Cum	1	12.10	5.30	5.50	5.40	0.05	3.27	
		D Rajgopal Road Cross Road 1									
0	9.5		Cum	1	9.50	4.20	3.80	4.00	0.05	1.90	170.51

Assistant Executive Engineer
Kodigehalli Sub Division
Kodigehalli Circle
BBMP, Bangalore

CGC INFRA PROJECTS PVT LTD
Contractor

RUDRAPRASAD CONSULTANTS
BANGALORE
PMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		Tata nagar 5th Cross Road From Bhadrappa Layout Main Road To 5th Main Road									
18	26		Cum	1	8.00	1.20	1.20	1.20	0.05	0.48	
34	39.6		Cum	1	5.60	2.10	2.10	2.10	0.05	0.59	
50	58		Cum	1	8.00	1.20	1.20	1.20	0.05	0.48	
73	89		Cum	1	16.00	1.50	1.50	1.50	0.05	1.20	
103	112		Cum	1	9.00	1.30	1.30	1.30	0.05	0.59	
126	128		Cum	1	2.00	2.20	2.20	2.20	0.05	0.22	
144	151		Cum	1	7.00	1.00	1.00	1.00	0.05	0.35	
164	170		Cum	1	7.00	1.20	1.20	1.20	0.05	0.42	
180	201		Cum	1	12.00	1.40	1.40	1.40	0.05	0.24	
208	220		Cum	1	12.00	1.60	1.60	1.60	0.05	0.96	
225	230		Cum	1	5.00	1.20	1.20	1.20	0.05	0.30	
234	237		Cum	1	3.00	3.00	3.00	3.00	0.05	0.45	
251	262		Cum	1	11.00	1.20	1.20	1.20	0.05	0.66	
266	271		Cum	1	5.00	1.50	1.50	1.50	0.05	0.38	
278	280		Cum	1	2.00	0.90	0.90	0.90	0.05	0.09	
									Total Executed Quantity	356.57	
									Qty Carried to Summary	356.57	

178.51

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

CGC INFRA PROJECTS PVT LTD
Contactor

RUDRAPRASAD CONSULTANTS
BANGALORE
PMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore
Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg. B	Depth (m)	Quantity	Remarks
		Item no. 17 Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labbour, HOM of machineries complete as per specifications and as per the directions of the Engineer-in-charge of the work .									
		Measurements taken on W.e.f. 3.03.21									
		Quantity Measured in 1st RA Bill								22174.39	✓
		Quantity Measured in 2nd RA Bill								49574.60	✓
		Quantity Measured in 3rd RA Bill								9415.45	✓
		Quantity Measured in 4th RA Bill								1315.70	✓
		Present Bill Measurements									
		Tata nagar									
		5th Cross Road									
		From Bhadrappa Layout Main Road To 5th Main Road									
0	15		Sqm	1	15.00	8.20	7.80	8.00		120.00	✓
15	30		Sqm	1	15.00	7.80	7.20	7.50		112.50	✓
30	45		Sqm	1	15.00	7.20	7.20	7.20		108.00	✓
45	51		Sqm	1	6.00	7.20	7.30	7.25		43.50	✓
51	60.5		Sqm	1	9.50	7.30	7.30	7.30		69.35	✓
60.5	75.5		Sqm	1	15.00	7.30	6.90	7.10		106.50	✓
75.5	90.5		Sqm	1	15.00	6.90	7.10	7.00		105.00	✓
90.5	105.5		Sqm	1	15.00	7.10	7.00	7.05		105.75	✓
105.5	120.5		Sqm	1	15.00	7.00	6.60	6.80		102.00	✓
120.5	135.5		Sqm	1	15.00	6.60	5.80	6.20		93.00	✓
135.5	150.5		Sqm	1	15.00	5.80	6.80	6.30		94.50	✓
150.5	165.5		Sqm	1	15.00	6.80	6.90	6.85		102.75	✓
165.5	180.5		Sqm	1	15.00	6.90	7.50	7.20		108.00	✓
180.5	195.5		Sqm	1	15.00	7.50	7.80	7.65		114.75	✓
195.5	210.5		Sqm	1	15.00	7.80	6.80	7.30		109.50	✓
210.5	225.5		Sqm	1	15.00	6.80	6.30	6.55		98.25	✓
225.5	239.5		Sqm	1	14.00	6.30	6.80	6.55		91.70	✓
239.5	247.3	Road Break	Sqm	1	0.00	0.00	0.00	0.00		0.00	✓
247.3	262.3		Sqm	1	15.00	6.80	6.60	6.70		100.50	✓
262.3	277.3		Sqm	1	15.00	6.60	6.50	6.55		98.25	✓
277.3	284.4		Sqm	1	7.10	6.50	6.50	6.50		46.15	✓

1929.95

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

CGC PROJECTS PVT LTD
Contactor

UDAYAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

11.1.21
Assistant Executive Engineer
Ko.Agehalli Sub Division
BBMP, Bangalore

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity Rs	Remarks
		2nd Main road									
		From 6th A Cross Road To 8th Cross Road									
0	15		Sqm	1	15.00	7.50	6.60	7.05		105.75	
15	30		Sqm	1	15.00	6.60	6.70	6.65		99.75	
30	45		Sqm	1	15.00	6.70	6.60	6.65		99.75	
45	60		Sqm	1	15.00	6.60	6.60	6.60		99.00	
60	75		Sqm	1	15.00	6.60	6.50	6.55		98.25	
75	90		Sqm	1	15.00	6.50	6.90	6.70		100.50	
90	105		Sqm	1	15.00	6.90	7.05	6.98		104.63	
105	116.5		Sqm	1	11.50	7.05	8.40	7.73		88.84	736.46
									Total Executed Quantity	8520.05	
									Qty Carried to Summary	8520.05	

736.61

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

PROJECTS

SUDARSAN CONSULTANTS BANGALORE

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore
Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth A/2 B	Depth (m)	Quantity	Remark
Item no.18		Providing and applying tack coat using 80/100 grade bitumen (VG 10) on prepared black topped surfaces at 2.5 Kg per 10 sqm. heating bitumen in boiler fitted with spray and excluding cleaning of road surface) including cost of all materials, labour, Hire/ll of machineries complete as per specifications.and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on		11-1-2021									
		Quantity Measured in 1st RA Bill								2999.82	
		Quantity Measured in 2nd RA Bill								4954.40	
		Quantity Measured in 3rd RA Bill								9416.45	
		Quantity Measured in 4th RA Bill								4417.30	
		Present Bill Measurements									
		D Rajgopal Road									
		Under Pass to SWD Drain									
		From Under Pass To SWd Drain									
0	15		Sqm	1	15.00	23.50	14.40	18.95		284.25	
15	30		Sqm	1	15.00	14.40	14.60	14.50		217.50	
30	45		Sqm	1	15.00	14.60	15.20	14.90		223.50	
45	75		Sqm	1	30.00	15.20	15.10	15.15		454.50	
75	90		Sqm	1	15.00	15.10	14.20	14.65		219.75	
90	120		Sqm	1	30.00	14.20	15.60	14.90		447.00	
120	138.5		Sqmeter	1	18.50	15.60	15.65	15.63		289.09	
		SWD Drain To Kodigehalli Circle									
		From SWD Drain To Kodige halli Circle									
0	15		Sqm	1	15.00	15.80	14.80	15.30		229.50	
15	30		Sqm	1	15.00	14.80	14.85	14.83		222.38	
30	43.1		Sqm	1	13.10	14.85	16.60	15.73		206.00	
43.1	60		Sqm	1	16.90	12.40	15.40	13.90		234.91	
60	62.1		Sqm	1	2.10	15.40	15.20	15.30		32.13	
62.1	77.1		Sqm	1	15.00	10.90	10.90	10.90		163.50	
77.1	84.7		Sqm	1	7.60	10.90	10.90	10.90		82.84	
		Near Culvert (Near rajmarah Theatre)									
0	12.1		Sqm	1	12.10	5.30	5.50	5.40		65.34	
		D Rajgopal Road									
		Cross Road 1									
0	8.5		Sqm	1	9.50	4.20	3.80	4.00		38.00	

Assistant Engineer
Kodigehalli Sub-Division
BBMP, Bangalore

Assistant Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity Rs	Remarks
		Ramp									
			Sqm	1	3.90	1.40	1.40	1.40		5.46	
		Tata nagar									
		5th Cross Road									
		From Bhadrappa Layout Main Road To 5th Main Road									
0	15		Sqm	1	15.00	8.20	7.80	8.00		120.00	
15	30		Sqm	1	15.00	7.80	7.20	7.50		112.50	
30	45		Sqm	1	15.00	7.20	7.20	7.20		108.00	
45	51		Sqm	1	6.00	7.20	7.30	7.25		43.50	
51	60.5		Sqm	1	9.50	7.30	7.30	7.30		69.35	
60.5	75.5		Sqm	1	15.00	7.30	6.90	7.10		106.50	
75.5	90.5		Sqm	1	15.00	6.90	7.10	7.00		105.00	
90.5	105.5		Sqm	1	15.00	7.10	7.00	7.05		105.75	
105.5	120.5		Sqm	1	15.00	7.00	6.60	6.80		102.00	
120.5	135.5		Sqm	1	15.00	6.60	5.80	6.20		93.00	
135.5	150.5		Sqm	1	15.00	5.80	6.80	6.30		94.50	
150.5	165.5		Sqm	1	15.00	6.80	6.90	6.85		102.75	
165.5	180.5		Sqm	1	15.00	6.90	7.50	7.20		108.00	
180.5	195.5		Sqm	1	15.00	7.50	7.80	7.65		114.75	
195.5	210.5		Sqm	1	15.00	7.80	6.80	7.30		109.50	
210.5	225.5		Sqm	1	15.00	6.80	6.30	6.55		98.25	
225.5	239.5		Sqm	1	14.00	6.30	6.80	6.55		91.70	
239.5	247.3	Road Break	Sqm	1	0.00	0.00	0.00	0.00		0.00	
247.3	262.3		Sqm	1	15.00	6.80	6.60	6.70		100.50	
262.3	277.3		Sqm	1	15.00	6.60	6.50	6.55		98.25	
277.3	284.4		Sqm	1	7.10	6.50	6.50	6.50		46.15	
		2nd Main road									
		From 6th A Cross Road To 8th Cross Road									
0	15		Sqm	1	15.00	7.50	6.60	7.05		105.75	
15	30		Sqm	1	15.00	6.60	6.70	6.65		99.75	
30	45		Sqm	1	15.00	6.70	6.60	6.65		99.75	
45	60		Sqm	1	15.00	6.60	6.60	6.60		99.00	
60	75		Sqm	1	15.00	6.60	6.50	6.55		98.25	
75	90		Sqm	1	15.00	6.50	6.90	6.70		100.50	
90	105		Sqm	1	15.00	6.90	7.05	6.98		104.63	
105	116.5		Sqm	1	11.50	7.05	8.40	7.73		88.84	2731.82
									Total Executed Quantity	93457.39	
									Qty Carried to Summary	93457.39	

6142.63

Assistant Engineer

Assistant Executive Engineer

Contactor

2

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity Rs	Remarks
Item no.32		Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work .									
Measurements taken on		8-12-2020									
		Quantity Measured in 1st RA Bill								777.04	
		Quantity Measured in 4th RA Bill								201.60	
		Present Bill Measurements									
		Under Pass to SWD Drain									
		RHS (South Side)									
		From Under Pass To Swd Drain									
0	5	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00		
5	15		Cum	1	10.00	1.40	1.40	1.40	0.15	2.10	
15	30		Cum	1	15.00	1.40	1.40	1.40	0.15	3.15	
30	45		Cum	1	15.00	1.40	1.40	1.40	0.15	3.15	
45	53		Cum	1	8.00	1.40	1.40	1.40	0.15	1.68	
53	57.5	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
60	75		Cum	1	15.00	1.40	1.40	1.40	0.15	3.15	
75	79.8		Cum	1	4.80	1.40	1.40	1.40	0.15	1.01	
79.8	83	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
90	105		Cum	1	15.00	1.40	1.40	1.40	0.15	3.15	
105	114.2		Cum	1	9.20	1.40	1.40	1.40	0.15	1.93	
114.2	118.8	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
118.8	134.9		Cum	1	16.10	1.40	1.40	1.40	0.15	3.38	
		LHS (North Side)									
		From Swd Drain To Under Pass									
0	15		Cum	1	15.00	1.40	1.40	1.40	0.15	3.15	
15	30.1		Cum	1	15.10	1.40	1.40	1.40	0.15	3.17	
30.1	33.1	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
33.1	45		Cum	1	11.90	1.40	1.40	1.40	0.15	2.50	
45	60		Cum	1	15.00	1.40	1.40	1.40	0.15	3.15	
60	75		Cum	1	15.00	1.40	1.40	1.40	0.15	3.15	
75	90		Cum	1	15.00	1.40	1.40	1.40	0.15	3.15	
90	96.6		Cum	1	6.60	1.40	1.40	1.40	0.15	1.39	
96.6	101.2	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
101.2	120		Cum	1	18.80	1.40	1.40	1.40	0.15	3.95	
120	134.9		Cum	1	14.90	1.40	1.40	1.40	0.15	3.13	
134.9	137.4		Cum	1	2.50	1.40	1.40	1.40	0.15	0.53	
137.4	141.8	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
141.8	144.3		Cum	1	2.50	1.40	1.40	1.40	0.15	0.53	

8/12/20
Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

50.48

GGC INFRA PROJECTS PVT LTD
Contactor

RUDRAPRASAD CONSULTANTS BANGALORE
PMC

Assistant Engineer

8/12/20
Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity Rs	Remarks
		Swd Drain To Kodigehalli Circle									
		RHS (North Side)									
		From CC Culvert To Swd Drain									
0	15		Cum	1	15.00	1.40	1.40	1.40	0.15	3.15	
15	40		Cum	1	25.00	1.40	1.40	1.40	0.15	5.25	
		LHS (South Side)									
		From Swd Drain To Arali Katte									
0	18.6		Cum	1	18.60	1.40	1.40	1.40	0.15	3.91	
18.6	22.3	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.15	0.00	
22.3	30		Cum	1	7.70	1.40	1.40	1.40	0.15	1.62	
30	60		Cum	1	30.00	1.40	1.40	1.40	0.15	6.30	
60	61		Cum	1	1.00	1.40	1.40	1.40	0.15	0.21	
		Arali Katte Opposite (LV Bekary) Kodigehalli									
		LHS (East Side)									
		From Lv Bekary To Kodigehalli Circle									
0	15		Cum	1	15.00	1.40	1.40	1.40	0.15	3.15	
15	28.1		Cum	1	13.10	1.40	1.40	1.40	0.15	2.75	
		Culvert									
		Under Pass to SWD Drain									
		RHS (South Side)									
		From Under Pass to SWD Drain									
		Cross Road 1	Cum	1	5.00	1.50	1.50	1.50	0.15	1.13	
		Cross Road 2	Cum	1	4.50	1.50	1.50	1.50	0.15	1.01	
		Cross Road 3	Cum	1	3.20	1.50	1.50	1.50	0.15	0.72	
		Cross Road 4	Cum	1	4.60	1.50	1.50	1.50	0.15	1.04	
		LHS (North Side)									
		From SWD Drain to Under Pass									
		Cross Road 1	Cum	1	3.00	1.50	1.50	1.50	0.15	0.68	
		Cross Road 2	Cum	1	4.60	1.50	1.50	1.50	0.15	1.04	
		Cross Road 3	Cum	1	4.40	1.50	1.50	1.50	0.15	0.99	

32.93

8/12/20
Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

8/12/20
Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contactor

PMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity Rs	Remarks
		Swd Drain To Kodigehalli Circle									
		LHS (South Side)									
		From Swd Drain To Kodige Halli Circle)	Cum	1	3.70	1.50	1.50	1.50	0.15	0.83	—
		Main Road Culvert	Cum	1	5.80	1.50	1.50	1.50	0.15	1.31	2.14
									Total Executed Quantity	1064.19	—
									Qty Carried to Summary	1064.19	—

CAPE
8/12/20
Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Upto to 8.1.16

8555

CGC INFRAPROJECTS PVT LTD
Contactor

R.K.P.V

RUDRAPRASAD CONSULTANTS
BANGALORE
PMC

Assistant Engineer

8/12/2020
Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity Rs	Remarks
		Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer-in-charge of the work .									
		Item no.34									
		Measurements taken on	12-12-2020								
		Quantity Measured in 1st RA Bill								41.83	
		Quantity Measured in 4th RA Bill								0.21	42.04
		Present Bill Measurements									
		For RCC Drain	Tonne		From Calculation Sheet					11.42	
		For RCC Culvert	Tonne		From Calculation Sheet					2.79	14.21
										Total Executed Quantity	56.25
										Qty Carried to Summary	56.25

14.01

Contactor

PMC

Assistant Engineer

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Package No.03(Package consists of 21 works)

PRE MEASUREMENT SHEET

FIFTH and FINAL BILL

STEEL CALCULATION

Sl NO	Description	Nos	BAR DIA mm	No. Bars	Total No. bars	Length m	Total Length m	Weight kg/m	Total weight Kg's
Item no.34	Providing laying plain/ reinforced cement concrete M20 Grade for Box Drain walls of thickness 10cm to 20cm including centering shuttering for work etc. complete as per approved drawing and design and as per the directions of the Engineer-in-charge of the work .								
Measurements Taken On;		12/12/2020							
	For RCC Drain								
	Under Pass to SWD Drain								
	RHS (South Side)								
	From Under Pass To Swd Drain								
	Main Bars (#12@120 c/c)	1	12	773	773	3.30	2551.37	0.887814	2265.14
	Distribution(10-#16)	1	10	17	17	108.10	1837.70	0.616538	1133.01
	LHS (North Side)								
	From Swd Drain To Under Pass								
	Main Bars (#12@120 c/c)	1	12	946	946	3.30	3121.80	0.887814	2771.58
	Distribution(10-#16)	1	10	17	17	132.30	2249.10	0.616538	1386.65
	Swd Drain To Kodigehalli Circle								
	RHS (North Side)								
	From CC Culvert To Swd Drain								
	Main Bars (#12@120 c/c)	1	12	287	287	3.20	917.49	0.887814	814.56
	Distribution(10-#16)	1	10	17	17	40.00	680.00	0.616538	419.25
	LHS (South Side)								
	From Swd Drain To Arali Katte								
	Main Bars (#12@120 c/c)	1	12	410	410	3.20	1312.91	0.887814	1165.62
	Distribution(10-#16)	1	10	17	17	57.30	974.10	0.616538	600.57
	Arali Katte Opposite (LV Bekary Near Kodigehalli Circle)								10556.38
	LHS (East Side)								
	From Lv Bekary To Kodigehalli Circle								

C4R C/O 12/12/20 Assistant Executive Engineer Kodigehalli Sub Division BBMP, Bangalore

C4R C/O 12/12/20 Assistant Executive Engineer Kodigehalli Sub Division BBMP, Bangalore

Contactor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

C/O 12/12/20 Assistant Executive Engineer Kodigehalli Sub Division BBMP, Bangalore

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Package No.03(Package consists of 21 works)

PRE MEASUREMENT SHEET

FIFTH and FINAL BILL

STEEL CALCULATION

Sl NO	Description	Nos	BAR DIA mm	No. Bars	Total No. bars	Length m	Total Length m	Weight kg/m	Total weight Kg's
	Main Bars (#12@120 c/c)	1	12	202	202	3.20	645.49	0.887814	573.07
	Distribution(10-#16)	1	10	17	17	28.10	477.70	0.616538	294.52
								QTY IN KG'S	11423.97
								QTY IN TONNE	11.42
	For Culvert								
	Under Pass to SWD Drain								
	RHS (South Side)								
	From Under Pass to SWD Drain								
	Cross Road 1								
	16# @150 c/c main bars	1		36	36	4.60	164.29	1.58	259.30
	10# @200 c/c Distrubution bars	1	10	27	27	5.00	135.00	0.62	83.23
	Cross Road 2								
	16# @150 c/c main bars	1	16	32	32	4.60	147.86	1.58	233.37
	10# @200 c/c Distrubution bars	1	10	28	28	4.50	126.00	0.62	77.68
	Cross Road 3								
	16# @150 c/c main bars	1	16	23	23	4.60	105.14	1.58	165.95
	10# @200 c/c Distrubution bars	1	10	28	28	3.20	89.60	0.62	55.24
	Cross Road 4								
	16# @150 c/c main bars	1	16	33	33	5.00	164.29	1.58	259.30
	10# @200 c/c Distrubution bars	1	10	27	27	4.60	124.20	0.62	76.57
									1210.65
	LHS (North Side)								
	From SWD Drain to Under Pass								
	Cross Road 1								

867.59

12/12/20 Assistant Engineer

Assistant Executive Engineer Kodigehalli Sub Division BBMP, Bangalore

Contactor

RUDRAPRASAD CONSULTANTS BANGALORE PMC

Assistant Engineer

12/12/2020 Assistant Executive Engineer Kodigehalli Sub Division BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Package No.03(Package consists of 21 works)

PRE MEASUREMENT SHEET

FIFTH and FINAL BILL

STEEL CALCULATION

Sl NO	Description	Nos	BAR DIA mm	No. Bars	Total No. bars	Length m	Total Length m	Weight kg/m	Total weight Kg's
	16# @150 c/c main bars	1	16	21	21	5.00	107.14	1.58	169.11
	10# @200 c/c Distrubution bars	1	10	27	27	3.00	81.00	0.62	49.94
	Cross Road 2								
	16# @150 c/c main bars	1	16	33	33	5.00	164.29	1.58	259.30
	10# @200 c/c Distrubution bars	1	10	28	28	4.60	128.80	0.62	79.41

557.76

12/12/20

Assistant Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contactor

PMC

Assistant Engineer

12/12/2020

Assistant Executive Engineer
Kodigehalli Sub Division

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: Package No.03(Package consists of 21 works)

PRE MEASUREMENT SHEET

FIFTH and FINAL BILL

STEEL CALCULATION

Sl NO	Description	Nos	BAR DIA mm	No. Bars	Total No. bars	Length m	Total Length m	Weight kg/m	Total weight Kg's
	Cross Road 3								
	16# @150 c/c main bars	1	16	31	31	5.00	157.14	1.58	248.02
	10# @200 c/c Distrubution bars	1	10	28	28	4.40	123.20	0.62	75.96
	Swd Drain To Kodigehalli Circle								
	LHS (South Side)								
	From Swd Drain To Kodige Halli Circle)								
	Cross Road 5								
	16# @150 c/c main bars	1	16	26	26	5.00	132.14	1.58	208.57
	10# @200 c/c Distrubution bars	1	10	27	27	3.70	99.90	0.62	61.59
	Main Road Culvert								
	16# @150 c/c main bars	1	16	41	41	5.00	207.14	1.58	326.94
	10# @200 c/c Distrubution bars	1	10	28	28	5.80	162.40	0.62	100.13
								QTY IN KG'S	2789.61
								QTY IN TONNE	2.79
								TOTAL QTY IN KG'S	14213.58
								TOTAL QTY IN TONNE	14.21

c&Rc

02/12/20

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

c&Rc

02/12/2020

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

C&d - 14.01

SUDHA INFRA PROJECTS PVT LTD
Contactor

RUDRAPRASAD CONSULTANTS BANGALORE
PMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore
1/2/12/2020
Assistant Executive Engineer

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity Rs	Remarks
Item no.52		Construction of granular sub-base by providing close graded crushed stone aggregates of granite / trap / basalt material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Method. - For Grading II Material									
Measurements taken on		14-12-2020									
		Present Bill Measurements									
		D Rajgopal Road									
		Under Pass to SWD Drain									
		From Under Pass To SWd Drain									
0	15		Cum	1	15.00	23.50	14.40	18.95	0.40	113.70	
15	30		Cum	1	15.00	14.40	14.60	14.50	0.40	87.00	
30	45		Cum	1	15.00	14.60	15.20	14.90	0.40	89.40	
45	75		Cum	1	30.00	15.20	15.10	15.15	0.40	181.80	
75	90		Cum	1	15.00	15.10	14.20	14.65	0.40	87.90	
90	120		Cum	1	30.00	14.20	15.60	14.90	0.40	178.80	
120	138.5		Cum	1	18.50	15.60	15.65	15.63	0.40	115.63	
		SWD Drain To Kodigehalli Circle									
		From SWD Drain To Kodige halli Circle									
0	15		Cum	1	15.00	15.80	14.80	15.30	0.40	91.80	
15	30		Cum	1	15.00	14.80	14.85	14.83	0.40	88.95	
30	43.1		Cum	1	13.10	14.85	16.60	15.73	0.40	82.40	
43.1	50.2		Cum	1	7.10	12.40	15.40	13.90	0.40	39.48	
50.2	62.1		Cum	1	11.90	15.40	15.20	15.30	0.40	72.83	
									Total Executed Quantity	1229.68	
									Qty Carried to Summary	1229.68	

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Contactor

PMC

Assistant Engineer

14/12/2020
Assistant Executive Engineer